

**Case 3327****Amyot, *Méthode mononymique* (1845–1847): proposed correction to Opinion 686**

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**Abstract.** The purpose of this application, under Article 80.4 of the Code, is to amend the ruling given in Opinion 686. Confusion has been caused by the omission of part of the work by C.J.B. Amyot, 1845–1847. The work in question is *Entomologie Française. Rhynchotes. Méthode mononymique*, and was published in *Annales de la Société Entomologique de France* and reprinted as a book (Amyot, 1848). It is proposed to amend the entry on the Official Index of Rejected and Invalid Works in Zoology and to correct a pagination error published therein.

**Keywords.** Nomenclature; taxonomy; C.J.B. Amyot, *Méthode Mononymique*; Hemiptera.

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1. C.J.B. Amyot (1845–1847) published in *Annales de la Société entomologique de France* a large work in 5 parts; it was repaginated and published subsequently as a book (Amyot, 1848). The non-binominal character of nomenclature used in the whole work was clearly stated by Amyot himself in the Preface (1845, p. 369; 1848, p. 1): 'le mode de nomenclature que nous y avons adopté, sous le titre de Méthode mononymique . . . consiste dans l'application d'un nom unique, donne à chaque espèce, aux lieu de deux, le nom générique et le nom spécifique, comme cela se pratique dans la nomenclature en usage depuis Linné' (translation: the nomenclature which we adopted here under the title 'Uninominal method' consists of the application of a single name to each species, instead of two, the generic name and the specific name, as this is used in nomenclature after Linnaeus). The unavailability of Amyot's work for zoological nomenclature has been stressed in the literature many times. At the time the original application (Z.N.(S.) 1478) was submitted the work was unavailable under Article 25 (b) of the rules then in force: International Rules of Zoological Nomenclature (1905). At the time of publication (1962, BZN 19: 42) Article 10 (c) of the International Code of Zoological Nomenclature reinforced the criteria of availability and all subsequent editions have maintained the Principle of Binominal Nomenclature (see Article 11.4 of the 4th edition of the Code (1999)).

2. None of the subsequent parts (of the journal version) of the work contain the subtitle '*Méthode mononymique*', but they are clearly marked as continuations ('suite') with a reference to all of the previously published parts and do not differ from the first part in nomenclatural approach.

3. Some of Amyot's uninominals were made available as genus- or species-group names by 19th century authors (Lucas, 1849, p. 83; Dallas, 1852, pp. 524, 525; Gorski, 1852, p. 81; Kolenati, 1857, pp. 404, 407, 414, 417, 422, 425, 427; Fieber,

1866, p. 505; Mulsant & Rey, 1866, p. 267; 1870, p. 158). Starting with Puton (1899, pp. 13, 17, 18, 89, 99, 100), all these names were credited to these subsequent authors and in concepts used by them, but which do not always coincide with those of Amyot. In most groups this approach was used even earlier (e.g. Stål, 1861, pp. 617, 619 for the names of CICAIDOIDEA).

4. Amyot's work (both journal and book) was rejected for nomenclatural purposes in Opinion 686 (BZN 20: 423) because the author did not apply the principles of binominal nomenclature. Unfortunately the pages of one part of the journal version (vol. 5, pp. 143–238) were not cited in the original proposal (BZN 19: 42) or in Opinion 686 (though figures to this part, t. 2, were cited). This obvious omission and the absence of a subtitle (see above) were used to presume that the part of the work that was not listed in the Opinion was available for nomenclatural purposes and that the uninominal species names of CICAIDOIDEA contained in this part are available as generic names (see Melville & Sims, 1984; Boulard, 1991; Boulard & Weiner, 2001) with resulting changes in the long established generic nomenclature.

5. To eliminate the source of confusion it is proposed under Article 80.4 that the entry on the Official Index of Rejected and Invalid Works in Zoology should be amended to correct the pagination cited for vol. 5 from Amyot, C.J.B. 1847. *Annales de la Société Entomologique de France*, 5: 453–542, t. 2–7 to *ibid.* 5: 143–238, 453–542, t. 2, 7.

6. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to amend the ruling given in Opinion 686 to include vol. 5, pp. 143–238;
- (2) to correct the entry on the Official Index of Rejected and Invalid Works in Zoology for the pagination cited for vol. 5 to pp. 143–238, 453–542, t. 2, 7.

## References

- Amyot, C.J.B. 1845–1847. Entomologie Française. Rhynchotes. *Méthode mononymique. Annales de la Société Entomologique de France*, (2)3(1845): 369–492, t. 8, 9; (2)4(1846): 73–192, 359–452, t. 10; (2)5(1847): 143–238, 453–542, t. 2, 7.
- Amyot, C.J.B. 1848. *Entomologie Française. Rhynchotes. Méthode mononymique*. 504 pp. Baillière. Paris & London.
- Boulard, M. 1991. Quelle espèce type pour le genre *Melampsalta* Amyot, 1847? (Homoptera, Tibicinidae). *Nouvelle Revue d'Entomologie*, (n. s.)8(1): 25–28.
- Boulard, M. & Weiner, J. 2001. Higher taxonomy and nomenclature of the Cicadoidea or true Cicadas: history, problems and solution (Rhynchota Auchenorrhyncha Cicadomorpha). *EPHE, Biologie et Évolution des Insectes*, 14(2000): 1–48.
- Dallas, W.S. 1852. *List of the specimens of hemipterous insects in the collection of the British Museum*. Part 2, pp. 369–592, pls. XII–XV. Taylor & Francis, London.
- Fieber, F.X. 1866. Neue Gattungen und Arten in Homoptern (Cicadina Bur.). *Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien*, 16: 496–534.
- Gorski, S.B. 1852. *Analecta ad entomographiam provinciarum occidentali-meridionalium Imperii Rossici* I. xix, 214 pp. Nicolai, Berlin.
- Kolenati, F.A. 1857. Meletemata entomologica, fasc. VII. *Bulletin de la Société Impériale des Naturalistes de Moscou*, 30(2): 399–443.
- Lucas, H. 1849. Histoire naturelle des animaux articulés. Cinquième classe, Insectes. *Exploration scientifique de l'Algérie pendant les années 1840, 1841, 1842. Zoologie*, vol. 3. 527 pp. Bertrand, Paris.
- Melville, R.V. & Sims, R.W. 1984. *Tibicina* Amyot, 1847 and *Lyristes* Horváth, 1926 (Insecta, Hemiptera, Homoptera): proposed conservation by the suppression of *Tibicen* Berthold, 1827. *Bulletin of Zoological Nomenclature*, 41: 163–184.

- Mulsant, E. & Rey, C.** 1866. *Histoire naturelle des punaises de France (Pentatomides)*. 372 pp. Savy & Deyrolle, Paris.
- Mulsant, E. & Rey, C.** 1870. *Histoire naturelle des punaises de France. Coréides, Alydides, Berytides, Stenocephalides*. 250 pp. Deyrolle, Paris.
- Puton, A.** 1899. *Catalogue des Hémiptères (Hétéroptères, Cicadines et Psyllides) de la faune paléarctique*. 4me Ed. 121 pp. Société Française d'Entomologie, Caën.
- Stål, C.** 1861. Genera nonnulla nova Cicadinorum. *Annales de la Société Entomologique de France*, (4)1: 613–622.

Acknowledgement of receipt of this application was published in BZN **61**: 209.

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Comments on this case are invited for publication (subject to editing) in the *Bulletin*; they should be sent to the Executive Secretary, I.C.Z.N., Natural History Museum, Cromwell Road, London SW7 5BD, U.K. (e-mail: iczn@nhm.ac.uk).